

In the Claims:

Please amend claims 1, 2, 4, 6, 9-10 and 12-13, and add new claims 18-27, such that the pending claims will read as follows:

Claim 1 (currently amended): A mounting assembly for a wafer-scrubber brush, comprising:

a first tube that is fixedly mounted and has a bore in which a cleaning liquid flows;

a second tube having a bore in which the first tube is inserted;

at least one bearing adapted to mount the second tube for rotational motion;

a housing in which the at least one bearing is fixedly mounted; and

a first shield mounted on the second tube and adapted to rotate with the second tube, the first shield defining a gap between the first shield and the housing, the gap being dimensioned so as to discourage flow of the cleaning liquid in the gap;

an assembly block in which the housing is mounted; and

a drainage opening formed in the assembly block, the drainage opening extending from a location adjacent the first shield.

Claim 2 (currently amended): The mounting assembly of claim 1, ~~further comprising an assembly block in which the housing is mounted; and a drainage opening formed in the assembly block,~~ wherein the drainage opening extending extends downwardly from a the location adjacent the first shield.

Claim 3 (original): The mounting assembly of claim 1, further comprising a second shield mounted on the second tube and adapted to rotate with the second tube, the second shield being located

at an opposite side of the housing relative to the first shield, the second shield defining a second gap between the second shield and the housing, the second gap being dimensioned so as to discourage flow of the cleaning liquid in the second gap.

Claim 4 (currently amended): The mounting assembly of claim 1, wherein the gap defined between the first shield and the housing includes at least one ~~angle~~ angled portion defined between a corner of the first shield and a corner of the housing.

Claim 5 (original): The mounting assembly of claim 1, wherein the at least one bearing includes a pair of bearings mounted in the housing in a spaced relationship relative to each other.

Claim 6 (currently amended): The mounting assembly of claim 1, further comprising ~~an assembly block in which the housing is mounted, and~~ a flexure mounting adapted to flexibly mount the housing to the assembly block.

Claim 7 (original): The mounting assembly of claim 1, wherein the bore of the second tube and an outer surface of the first tube define therebetween a third gap that is dimensioned so as to discourage flow of cleaning liquid in the third gap.

Claim 8 (original): The mounting assembly of claim 1, further comprising a mechanism attached to the second tube and adapted to mount a scrubber brush.

Claim 9 (currently amended): A mounting assembly for a wafer-scrubber brush, comprising:

a housing;

at least one bearing mounted in the housing;

a flow through shaft rotatably mounted on the at least one bearing, adapted to allow a liquid to flow through in the flow through shaft; and

a pair of shields mounted on the flow through shaft on opposite sides of the housing, each shield adapted to define a gap with a respective side of the housing, the gaps being dimensioned so as to discourage flow of liquid in the gaps;

an assembly block in which the housing is mounted; and

a drainage opening formed in the assembly block, the drainage opening extending from a location adjacent a first shield of the pair of shields.

Claim 10 (currently amended): The mounting assembly of claim 9, wherein each of the gaps has at least least one angle angled portion.

Claim 11 (original): The mounting assembly of claim 9, further comprising a mechanism attached to the flow through shaft and adapted to mount a scrubber brush.

Claim 12 (currently amended): A mounting assembly for a wafer-scrubber brush, comprising:

a flow through shaft adapted to have a cleaning liquid flowing therein;

a bearing adapted to mount the flow through shaft for rotation around a longitudinal axis of the flow through shaft;

a housing in which the bearing is mounted; and

a shield mounted on the flow through shaft for rotation therewith and adapted to define a gap relative to the housing, the gap being dimensioned so as to discourage flow of cleaning liquid in the gap;

an assembly block in which the housing is mounted; and

a drainage opening formed in the assembly block, the drainage opening extending from a location adjacent the shield.

Claim 13 (currently amended): The mounting assembly of claim 12, wherein the housing and the shield have respective corners defining therebetween at least one ~~angle~~ angled portion of the gap.

Claim 14 (original): The mounting assembly of claim 12, further comprising a mechanism attached to the flow through shaft and adapted to mount a scrubber brush.

Claim 15 (original): The mounting assembly of claim 4, wherein at least one angled portion has a right angle.

Claim 16 (original): The mounting assembly of claim 10, wherein at least one angled portion has a right angle.

Claim 17 (original): The mounting assembly of claim 13, wherein at least one angled portion has a right angle.

Claim 18 (new): A mounting assembly for a wafer-scrubber brush, comprising:

a first tube that is fixedly mounted and has a bore in which a cleaning liquid flows;

a second tube having a bore in which the first tube is inserted;

at least one bearing adapted to mount the second tube for rotational motion;

a housing in which the at least one bearing is fixedly mounted;

a first shield mounted on the second tube and adapted to rotate with the second tube, the first shield defining a gap

between the first shield and the housing, the gap being dimensioned so as to discourage flow of the cleaning liquid in the gap;

an assembly block in which the housing is mounted; and

a flexure mounting adapted to flexibly mount the housing to the assembly block.

Claim 19 (new): The mounting assembly of claim 1, wherein the drainage opening extends from a location adjacent a bottom end of the first shield.

Claim 20 (new): The mounting assembly of claim 1, wherein the drainage opening is adapted to drain cleaning liquid that has backed up into an interior of the assembly block between the first and second tubes.

Claim 21 (new): The mounting assembly of claim 20, wherein the drainage opening provides a path for a cleaning liquid to travel that is of a low resistance compared to the gap between the first shield and the housing, so as to cause a cleaning liquid that has backed up into the interior of the assembly block to flow out of the assembly block via the drainage opening rather than via the gap between the first shield and the housing.

Claim 22 (new): The mounting assembly of claim 9, wherein the drainage opening extends from a location adjacent a bottom end of the first shield.

Claim 23 (new): The mounting assembly of claim 9, wherein the drainage opening is adapted to drain cleaning liquid that has backed up into an interior of the assembly block.

Claim 24 (new): The mounting assembly of claim 23, wherein the drainage opening provides a path for a cleaning liquid to travel that is of a low resistance compared to the gap between the first shield and the housing, so as to cause a cleaning liquid that has backed up into the interior of the assembly block to flow out of the assembly block via the drainage opening rather than via the gap between the first shield and the housing.

Claim 25 (new): The mounting assembly of claim 12, wherein the drainage opening extends from a location adjacent a bottom end of the shield.

Claim 26 (new): The mounting assembly of claim 12, wherein the drainage opening is adapted to drain cleaning liquid that has backed up into an interior of the assembly block.

Claim 27 (new): The mounting assembly of claim 26, wherein the drainage opening provides a path for a cleaning liquid to travel that is of a low resistance compared to the gap between the shield and the housing, so as to cause a cleaning liquid that has backed up into the interior of the assembly block to flow out of the assembly block via the drainage opening rather than via the gap between the shield and the housing.